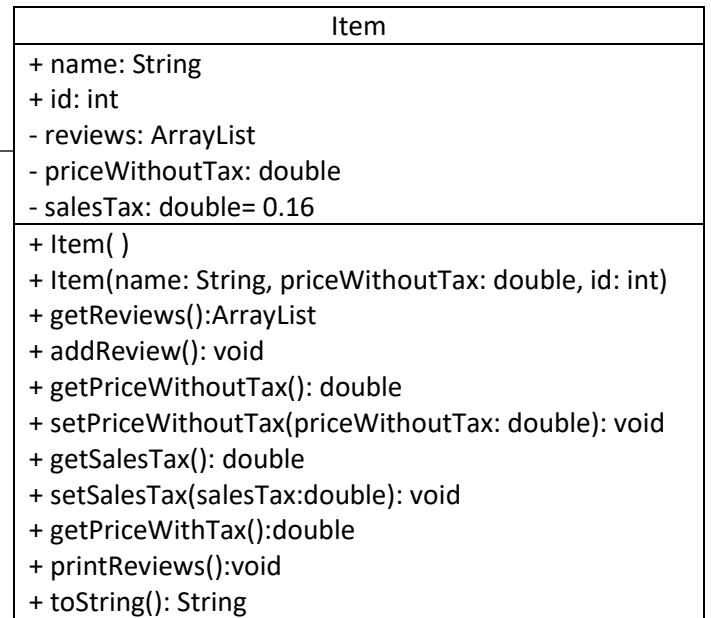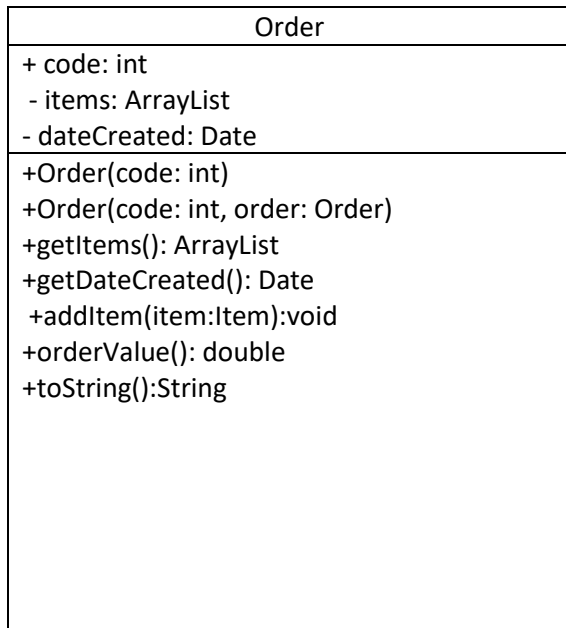Project

Programming of Networks Protocols

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Order

+ code: int
 - items: ArrayList
 - dateCreated: Date

+Order(code: int)
+Order(code: int, order: Order)
+getItems(): ArrayList
+getDateCreated(): Date
 +addItem(item:Item):void
+orderValue(): double
+toString():String

1....n

Item

+ name: String
+ id: int
- reviews: ArrayList
- priceWithoutTax: double
- salesTax: double= 0.16

+ Item( )
+ Item(name: String, priceWithoutTax: double, id: int)
+ getReviews():ArrayList
+ addReview(): void
+ getPriceWithoutTax(): double
+ setPriceWithoutTax(priceWithoutTax: double): void
+ getSalesTax(): double
+ setSalesTax(salesTax:double): void
+ getPriceWithTax():double
+ printReviews():void
+ toString(): String

1.....n

Client

SERVICE_PORT: int
address: InetAddress
choice: String
f: JFrame
LoginInformation: String[ ]
socket: Socket
LoginInfo: String
Reader: BufferedReader
pWriter: PrintWriter
server_reader: BufferedReader

+Client()
+Login():String
+CheckLogIN_A(num:String):void
+CheckLogIN_C(num:String):void
+CheckSignUP_A(num:String):void
+CheckSignUP_C():void

ServeClient

AdminInfo: ArrayList [][]
CustomerInfo: ArrayList [][]
CustomersOrders: ArrayList [][]
items:ArrayList
server:ServerSocket
mySocket:Socket
reader:BufferedReader
pWriter:PrintWriter
client_reader:BufferedReader
code:int
Username:String
Password:String
Fwriter:FileWriter
f: JFrame

+serveClient(s:Socket)
+run():void
+CustomerService(operation:String, UserName:String):void
+AdminService(operation:String, UserName:String):void
+SaveInfo():void
+CheckSignUP_C():void

Java.lang.Thread

+ Thread ()
+ Thread (task: Runnable)
+ start(): void
+ isAlive(): Boolean
+ setPriority (): boolean
+ join(): void
+ sleep(millis: long): void
+ yield(): void
+ interrupt(): void

Server

+ SERVICE_PORT: int